

No. 4-1258-1a, 1b

Date _____

Co. & State

Pack Co, Tenn.

Loc. _____

3 miles west of Benton on U.S. 411

Water

clear

Flow

mod to swift

Width

4 1/2'

Depth

4-2'

pH

Temp.

Bottom

sand, some rocks

Vegetation

none

Shore

Pinus, Juniperus, Pseudotsuga, Salix

Air Temp.

Weather

Sunny

Time

10:15

Capture _____

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. diogenes</i>			1		1		
<i>C. l. longirostris</i>		1	1		5		

Sent to
G. H. B. ←Two jars - (diogenes like form) - along bank (9)

A

C. diogenes (1)

No. 4-1258-2 a b

Date _____

Co. & State Wolk Co. Tenn.

Loc. Stream 11.4 miles south of Benton Tenn. on SRte 33

Water slightly cloudy Flow rapid

Width 1 to 12 ft. Depth + 2 ft. pH 6.5 Temp. 7°C

Bottom silt sand + rocks & debris

Vegetation algae

Shore Platanus, alnus, sumac

Air Temp. 18°C

Weather Clear & sunny Time 11:10

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
C. striatus							
C. striatus	1	1	4	2	2		
C. extraneus	3	3	4				

No. 11-12 58-3

Date _____

Co. & State Murray Co. Ga.

Loc. Stream 11.8 miles north of Stone, Ga.

Water Muddy Flow rapid

Width 12 ft. Depth 4-5 ft. pH _____ Temp. _____

Bottom Rocky

Vegetation none

Shore Shrub - Pine

Air Temp. 18.0 C

Weather Cloudy Time _____

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. extraneus</i>	2	1					

2 jars

No. 4-1258-4abc

Date _____

Co. & State Mersey Co. Pa.

Loc. about 1 mi. east of
Chatsworth on Rt. 76 - Holly Creek

Water shallow swift Flow swift

Width 50 ft. Depth 1 ft. pH _____ Temp. _____

Bottom sand silt clay & rocks

Vegetation none

Shore Corn, Alfalfa, timothy, clover, & rye
911

Air Temp. 20.5 °C

Weather Clear & Sunny

Time 1:05

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>2 jars</u> <u>C. striatus</u>	<u>1</u>	<u>5</u>	<u>7</u>	<u>2</u>	<u>4</u>		
<u>C. extraneus</u>			<u>2</u>		<u>1</u>		
<u>O. spinosus II</u>	<u>1</u>	<u>3</u>	<u>1</u>				

3

27

No. 4-1258-5a b.

Date _____

Co. & State Murray Co., Ga.Loc. Stream 2 mi E. of Chatsworth, on U.S. Rt. 76.in deep shaded ravine - source not known -
cascading over stone bedWater clearFlow mod.Width 2-4'Depth ± 1'

pH _____

Temp. _____

Bottom rocky + leaf debrisVegetation noneShore Pines, leguminous shrubs

Air Temp. _____

Weather BunnyTime 1:55

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. consanguinea</u>	1	3	1	1			
<u>C. striatus</u>			1				

(7)

No. 4-1258-6a.6

Date _____

Co. & State

Murray Co. Ga.

Loc.

Stream 3 mi. west of Chatworth, Ga. 11.7.52Lower branch creek

Water

Clear

Flow

swift

Width

4 to 5'

Depth

1 to 2'

pH

Temp.

17°C

Bottom

mud

Vegetation

willow-like plants

Shore

open, grassy

Air Temp.

Weather

Clear & sunny

Time

2:30

Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. eximius</u>	<u>2</u>	<u>4</u>	<u>3</u>	<u>5</u>			
<u>C. striatus</u>			<u>1</u>				

No. 4-1251-7 a bc

Date _____

Co. & State

W. Rutland Co. Ver.

Loc.

Stream 9.3 miles south of Datto

Water

Clear

Flow

Swift

Width

6 to 10'

Depth

4-2'

pH

Temp.

18.0°C

Bottom

Rocky - sand + silt

Vegetation

none

Shore

Air Temp.

Weather

Time 4:20 PM

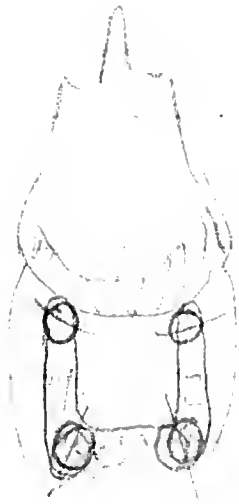
Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>O. spinosus II</u>	2	1	1			2	
<u>C. extraneus</u>	5	2	6	6	4	1	
<u>C. striatus</u>		1					

31



No. 4-1258-8a B

Date _____

Co. & State Golden Co. Ga.Loc. Stream 17.8 mi south of Dalton Rt. 41Water Cloudy - yellowishFlow SwiftWidth 4 to 5'Depth + 2 ft.

pH _____

Temp. _____

Bottom Silt - Sand - RocksVegetation noneShore Pine, alder

Air Temp. _____

Weather Clear + warmTime 4:55 pm

Capture _____

Det. _____

Coll. _____

	♂1	♂2	♀	♂3	♂4	♀5	♀6
<i>P. lophotus lateralis</i>	1	2	8	6	6		
<i>C. striatus</i>		2	2	6	5		

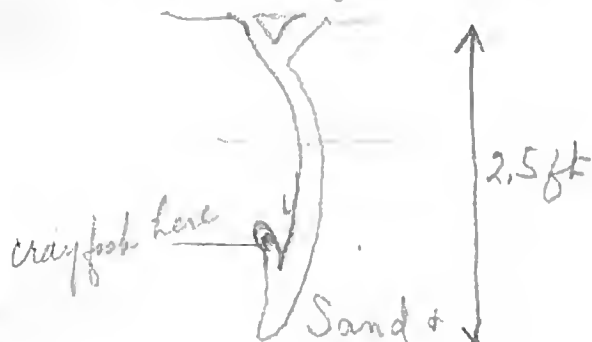
Oostanaula River - 3.2 miles north of the river
on Rt 41.

No. 4-1258-925CDate Co. & State Greenville Co. S.C.Loc. Stream - spring + burrow1.8 mi N of Calhoun on Rte. 41Water Clear spring water - cloudy stream Flow moderateWidth 6 ft Depth 2 to 4' pH Temp. 18°CBottom clear spring algae in stream - anubisVegetation Algae refuse in streamShore Air Temp. Weather ClearTime 6:45 PMCapture Det. Coll.

	δI	δII	♀	♂j	♀j	♀e	♀y
<i>C. striatus</i>	1	3	2		1		
<i>C. diogenes</i>			2	2			
<i>P. sp. (spiculifer gr.)</i>				1			

(12)

Burrow from OT I diogenes sampled

Also dug one specimen of *striatus* - *sterni* not well formed

Most chimneys not well formed.

- a. *C. sp.* - 10th I, 30th II, 29th *striatus* very young ♀
 b. *C. diogenes* - 10th I, 20th II, 29th *striatus*
 c. *P. sp.* - *spiculifer* gr. 10th I

No. 4-1258-1064

Date _____

Co. & State

Gordon Co. Ga.

Loc.

Stream 2.8 mi south of Calhoun, Ga.
on Rte. 53

Water

Clear

Flow

swift

Width

6 to 8 ft.

Depth

2 to 11 ft.

pH

Temp.

Bottom

rock, silt & sand

Vegetation

none

Shore

none

Air Temp.

16°C

Weather

Clear

Time

7:30

Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>Procambarus apiculifer</i>		4	6	7	2		
<i>C. striatus</i>			2	4	6		

No. 1-1358-1

Date _____

Co. & State Floyd Co. Ga.

Loc. Stream 1.7 mi North of Rome Ga. on Rt. 27

Water Muddy

Flow slow

Width 2 to 4'

Depth 1 to 2 ft.

pH _____

Temp. _____

Bottom muddy - silt - rock - Lycopodium little bog

Vegetation algae ferns

Shore _____

Air Temp. 25°C

Weather clear & warm

Time 10:50

Capture Stratton

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. striatus</u>				1	6		

No. 4-1358-2abc

Date _____

Co. & State Floyd Co., Ga.Loc. Tributary of Amnicola Creek 9.7 miles
north of Rome, Ga. on Rte 27.Water Clear almost Flow SwiftWidth 1 to 6' Depth +2 ft pH _____ Temp. 12°CBottom Rock (small) silt and boggyVegetation AlgaeShore AlgaeAir Temp. 25°CWeather ClearTime 11:25

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. latimanus</i>		4	3	3	5		
<i>C. striatus</i>		1	3		2		
<i>C. diogenes</i>			1				

No. H-1358-3

Date _____

Co. & State Floyd Co. Ga.

Loc. Stream 10.7 mi N. of Rome Ga. on Rt. 27

Water Clear Flow moderate

Width 4 to 6 ft. Depth + 3 ft. pH _____ Temp. _____

Bottom silt - sand - & rock

Vegetation none

Shore _____

Air Temp. 25°C.

Weather Clear - Sunny & warm Time 11:40

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>C. striatus</u>			1	1	1			

No. 4-1354-46

Date _____

Co. & State Floyd Co. Ind.Loc. Stream + Swamp pool 5.3 mi. West of
Home Ind.Water CloudyFlow moderateWidth 20'Depth +6'

pH _____

Temp. _____

Bottom MuddyVegetation Myrica sp.Shore AlnusAir Temp. 25°CWeather Clear - SunnyTime 12:25Capture Stratton

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. striatus</u>			<u>2</u>	<u>13</u>	<u>14</u>		
<u>C. latimanus</u>				<u>4</u>	<u>6</u>		

No. 4-1358-5a, 5b

Date _____

Co. & State

Floyd Co. Ga.

Loc.

Stream 7.5 mi
down on RT, 20East of Alabama State

Water

Clear

Flow

swift

Width

15'

Depth

4 to 6'

pH

Temp.

18°C

Bottom

Rocky

Vegetation

none

Shore

Grass, Sycamore, Elm

Air Temp.

25°C

Weather

Clear

Time

1:00

Capture _____

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. pygmaeus</i>	3	3	1			1	
<i>C. latimanus</i>			1	2	1		

(12)

No. 4-135A-6

Date _____

Co. & State Floyd Co. Ga.

Loc. Stream 5.0 mi East of Alabamaville on Rt. 20

Water Clear Flow swift

Width 6' Depth +3 pH _____ Temp. 13°C

Bottom rocky

Vegetation none

Shore Alnus, birch, Liriodendron

Air Temp. 28°C

Weather Clear Time 1:25

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>C. extraneus</u>				1				

1

No. 4-1358-7abc

Date _____

Co. & State

Edmond Co. La.

Loc.

Stream 1.7 mi. east of Alabama line
on Rt 20

Water

Clear

Flow

Swift

Width

10 to 15'

Depth

+ 1'

pH

Temp.

12°C

Bottom

Rocky

Vegetation

none

Shore

Salix nigra, Pinus, Alnus

Air Temp.

25°C

Weather

Clear

Time

2:00

Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. extraneus</u>					<u>2</u>		
<u>C. latimanus</u>				<u>2</u>			
<u>C. deogenes</u>				<u>1</u>			

No. 4-1358-83 C

Date _____

Co. & State Cherokee Co. Ala.Loc. Stream 3.9 mi south of Centre on Rt 6Water ClearFlow SwiftWidth 4 to 6'Depth 4-5'

pH _____

Temp. 11.5°CBottom Some mud & rocksVegetation Some Algae - BlatnchocarpumShore Algae, Blatnchocarpum, Liquidambar styracifluaAir Temp. 25°CWeather ClearTime 3:10

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
① <i>P. b. acutus</i>		3		2	4		
② <i>C. diogenes</i>			1				
③ <i>C. latimanus</i>				3	2		

3 *Diogenes* female one with eggs.b. *C. sp.* (*Diogenes* complex) 1 ♀ with eggs.

No. 4-135A-9a-f

Date _____

Co. & State

Cherokee Co. Ala.

Loc.

Stream 1 mi south of Centre, Ala. on Rt 6

Water

Clear

Flow

slow

Width

10 to 15'

Depth

+ 5'

pH

Temp.

12°C

Bottom

Mud

Vegetation

Myrica

Shore

Air Temp.

25°C

Weather

Clear + Sunny

Time

3:25 AM

Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>P. b. acutus</u>				<u>2</u>	<u>4</u>		
<u>P. striatus</u>				<u>1</u>	<u>2</u>		

No. H 1358-10

Date _____

Co. & State Iowa Co. Ala.Loc. Stream 4.6 mi W of Cherokee - Iowa Co.
line on Rt. 411Water Clear Flow moderateWidth 5' + Depth 4' pH _____ Temp. 12°CBottom rock + siltVegetation Lizard tailShore Alnus - Platanus - UlmusAir Temp. 25°CWeather Clear + sunny Time 4:20

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. latimanus</u>					1		

areola too broad + short
perhaps latimanus 7

No. 4-1358-11a-b

Date _____

Co. & State Etowah Co. Ala.Loc. Stream 10.4 mi East of Etowah Co. line on Rt 278Water Clear Flow moderateWidth 6' Depth +3' pH _____ Temp. 12°CBottom rockyVegetation none

Shore _____

Air Temp. 55Weather Clear & Sunny Time 5:30 PM

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>C. extraneus</i>	1		1	2	2	1		
<i>C. striatus</i>	1		2	1	1			

No. 11-1358-12 ab

Date _____

Co. & State

Etowah Co., Ala.Loc. Pool under bridge 2.1 mi East of Etowah Co.
on Rt. 278Water muddyFlow noneWidth 10' Depth 4' pH _____ Temp. 12°CBottom mudVegetation none

Shore _____

Air Temp. 24°CWeather clearTime 6:00

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. b. landinji acutus</i>			1		1		
<i>A. striatus</i>				3	4		

No. 4-1358-13a b

Date _____

Co. & State Blount Co. Ala.Loc. Stream E. 5 mi. E. of Cullmann - Blount Co. line
on Rt 278Water Clear Flow rapidWidth 6' Depth 1-3 pH _____ Temp. 12°CBottom rocky - silt & mudVegetation noneShore low - some vegetation - noneAir Temp. 24°CWeather Clear Time 1:50

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>C. striatus</i>	2		1	4	13	45		
<i>O. bathawayi</i>				1	1			

No. 4-358-14abc

Date _____

Co. & State Blount Co., Ala

Loc. Stream 5.6 mi E. of Cullman-Blount Co line on
RT 278

Water Clear Flow swift

Width 6' Depth 4 ft pH _____ Temp. 12°C

Bottom Rocky - some silt

Vegetation _____

Shore Scattered vegetation

Air Temp. 24°C

Weather Clear Time 7:15

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>O. spinosus</i>	4	9	9	3	6		
<i>C. striatus</i>		1	1	19	17		
<i>Procambarus b. acutus</i>				1			

2

70

No. 4-1458-1

Date

Co. & State Callman Co. Ala.

Hanceville

Loc. Stream 4.4 mi W of Hanceville Rt. 31

Water Clear

Flow moderate

Width 12'

Depth 4-2

pH

Temp. 13°C

Bottom Rock

Vegetation Batard-succumbens - grass

Shore Trigloporus, P. ...

Air Temp. 18°C

Weather Cloudy

Time 8:50

Capture

Det.

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C striatus</u>			1	7	4		

1

No. 4-1458-2

Date _____

Co. & State California

Loc. 5 mi. S of Garden City on RT. 31

Water Clear Flow moderate

Width 8 ft. Depth 12 pH _____ Temp. 13°C

Bottom rocky

Vegetation none

Shore Barren - brushy -

Air Temp. 18°C

Weather Cloudy Time 9:30

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. striatus</u>				<u>1</u>	<u>4</u>		

1

No. 11458 3a b.

Date _____

Co. & State Blount Co. Ala.

Loc. 2 mi. N. 7 mi. E. of ... City ... 31

Water ... Flow ...

Width 5 ft Depth ... pH ... Temp. 13°C

Bottom ...

Vegetation ...

Shore ...

Air Temp. _____

Weather Cloudy Time 10:20

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>Drosophila spiroseus?</i>		1	1	2	2		
<i>C. striatus</i>		1		13	11		

No. 4-71051-4

Date _____

Co. & State Yellowstone Nat. ParkLoc. Interstream 9.2 mi S of Mammoth on Rt 31
near upper hot springWater Clear Flow moderateWidth 5' Depth 1' pH _____ Temp. 13°CBottom RockyVegetation NoneShore Liquidambar, Salix

Air Temp. _____

Weather Cloudy Time 11:25

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>A. striatus</i>		2	1	3	1		

No. 4-1458-5

Date _____

Co. & State Albany Co. N.Y.

Loc. Stream 3.7 mi. S. of Hudson Falls, N.Y.

County RT 7

Water Clear Flow moderate

Width 6' Depth +2 pH _____ Temp. 17°C

Bottom Rocky

Vegetation none

Shore _____

Air Temp. _____

Weather Cloudy Time 11.55

Capture 2 to 10 - net

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. striatus</u>			<u>4</u>	<u>4</u>			

NO. 1-1458-6

Date _____

Co. & State Blount Co., Ala.

Loc. Stream 5.7 mi E of Hayden on county

RT. 7

Water Clear Flow moderate

Width 1.5 ft. Depth 1.2 pH _____ Temp. 13 °C

Bottom shaly

Vegetation 1 mi. E of Hayden

Shore shaly

Air Temp. _____

Weather Cloudy Time 12:30

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. striatus</u>		<u>H</u>	<u>2</u>				

No. 4-1452-7a, b

Date _____

Co. & State Blount Co. Ala.Loc. Stream, 6 mi E of Chocoma on RT 231Water ClearFlow swifWidth 30'Depth 4-2

pH _____

Temp. 15°CBottom RockyVegetation noneShore Pine - Hickory

Air Temp. _____

Weather CloudyTime 11:35

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
① <i>O. hathawayi</i>						5	
② <i>C. stratus</i>		4	4	7	6		

No. 4-1050-5a, b

Date _____

Co. & State Ill. 75, 16

Loc. Stream 4.2 mi E of Channahon on RT 231

Water Clear

Flow swift

Width 5'

Depth 7'

pH _____

Temp. 13°C

Bottom Sandy

Vegetation _____

Shore Pine - Hickory - Elm

Air Temp. _____

Weather Cloudy

Time 2:35

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
① <i>C. extraneus</i>				1			
② <i>C. jordani</i>		2					

No. 4-1458-9

Date _____

Co. & State Blount Co. Ala.

Loc. Stream Sp. E of Onesto on Rt 231

Water Cloudy Flow slow

Width 33' Depth 43' pH _____ Temp. 13°C

Bottom Rocky - muddy

Vegetation none algae

Shore _____

Air Temp. _____

Weather Cloudy Time 2:55

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. striatus</u>					<u>3</u>		

No. 4-1458-1026cd

Date _____

Co. & State St Clair Co. Ala

Loc. Stream 4.1 mi E of Mount St. Clair Co line
on RT. 231

Water Clear

Flow swift

Width 2 to 30'

Depth + 4'

pH _____

Temp. 13°C

Bottom Rocky + silt

Vegetation Scrub

Shore Liquidambar - Salix - Liriodendron - Prunus -
Cercis

Air Temp. _____

Weather Cloudy

Time 3:50

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
@ <i>O. bispinosus</i>	1		1			1	
@ <i>C. diogenes</i>	1						
@ <i>C. extraneus</i>	2		3		2		
@ <i>C. jordani</i>		3	3	6	2		

2

b. C. sp. (Diogenes complex) in T

No. 4-1458-11a, b, c.

Date _____

Co. & State St. Clair Co.

Lpc. Stream 2.4 mi E of Pell City on Rt. 78

Water Slightly cloudy

Flow moderate

Width 11' Depth + 2 pH _____ Temp. 13°C

Bottom Rocky

Vegetation none

Shore Alumina - Limestone - Penn

Air Temp. _____

Weather Cloudy

Time 4:50

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. blandingii acutus</i>	1	1	3	1	2		
<i>C. striatus</i>					1		
<i>C. latimanus (?)</i>					1		

3 jars - Write 3 labels -

No. 4-1458-12

Date

Co. & State Calhoun Co. Ala.

Loc. Stream 5.1 mi W of Int. section of 78 & 21
on Rt. 78

Water Clear Flow moderate

Width 40' Depth +1 1/2 ft. pH Temp.

Bottom Gravel with stones

Vegetation Myrica phyllaria - in thick - scattered clumps

Shore Liquidambar - Liquidambar - Tilia

Air Temp.

Weather Cloudy Time 5:45

Capture

Det. Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. latimanus x jordani</i>	15	10	25	20	22		

3

T. in the - in water

92

No. 14-1458-13 ab

Date _____

Co. & State Tallahassee Co. Fla.

Lgc. Stream 8.5 mi W of intersection of 78 with 21
on Rt 21 south.

Water Clear Flow moderate

Width 15' Depth 4' pH _____ Temp. 13°C

Bottom Sand - Rocky

Vegetation none

Shore _____

Air Temp. _____

Weather Cloudy Time 6:15

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>C. latimanus</i>		1	1				
<i>C. striatus</i>					2		

(4)

No. 4-1458-14

Date _____

Co. & State Tallahassee CoLoc. Small stream with numerous burrows noted
5.3 mi S. of Moultrie on RT. 21Water 7 mths - Flow slowWidth 0 Depth _____ pH _____ Temp. _____

Bottom _____

Vegetation _____

Shore _____

Air Temp. _____

Weather _____ Time _____

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>A. striatus</u>		1	1	4	2		

1
Burrowing in deep area along drainage ditch
Burrows visible the ground so that about 1 ft of the
stream bed was visible below the surface
Open position burrows.

8

No. 4-1558-1a, 1b

Date _____

Co. & State Tallahassee Co. Fla.

Loc. St. 12.3 mi. N. of Highway on Rt 231 (21st St.)

Water Cloudy Flow moderate

Width 5 ft. 10 Depth +3 pH _____ Temp. 12°C

Bottom Sand

Vegetation none

Shore Acer - Salix nigra - Pinus - Liquidambar -
Platanus. Air Temp. _____

Weather Rain Time 9:25

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. b. acutus</i>					1		
<i>C. striatus</i>				4	11		

(16)

No. 4-1558-2

Date _____

Co. & State Coosa Co. Ala.

Loc. Stream 8.8 mi S. of Dalacanga on RT 231

Water muddy Flow swift (very)

Width 6' Depth + 2 pH _____ Temp. 12°C

Bottom Rocky

Vegetation none

Shore Liriodendron - Cornus Florida - Platanus - Pines

Air Temp. _____

Weather Rain Time 10:15

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. latimanus</u>			<u>5</u>		<u>1</u>		

1

6

No. 11-1555-3a, b, c

Date _____

Co. & State ELMORE CO. ALA.

Loc. Station 21.6 mi S of Doakford, Ala on Rt 331

Water Cloudy Flow moderate

Width 20' Depth 4' pH _____ Temp. 13°C

Bottom Sandy

Vegetation none

Shore 130 m

Air Temp. _____

Weather Cloudy Time 11:25

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. lychnus</i>				1			
<i>C. latimanus</i>			1	5	2		
<i>C. striatus</i>					2		

(11)

No. 4-1554 41

Date _____

Co. & State MONTGOMERY Co. Md.

Loc. Stream (small) 3 miles S. of W. 10.3 mi S. of W. 231

Water Cloudy Flow slow

Width 18' Depth 16' pH _____ Temp. 12°C

Bottom Gravel

Vegetation Willow

Shore _____

Air Temp. _____

Weather Cloudy & shower Time 12:50

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>Pacastinus</u>		1					

No. 4-1558-5a, b

Date _____

Co. & State Montgomery Co. Ala.Loc. Stream 0.2 mi E of intersection of ~~road~~ and ~~road~~
near Montgomery, Ala. of county line of Mont. + Lowndes
on Rt. 80Water cloudy Flow moderateWidth 6' Depth + 4' pH _____ Temp. 22°CBottom muddy - sandVegetation grass

Shore _____

Air Temp. _____

Weather cloudy + rain Time 2:30

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. lephatus</i>	1	6	6	5	3			21
<i>C. striatus</i>			2	1				3

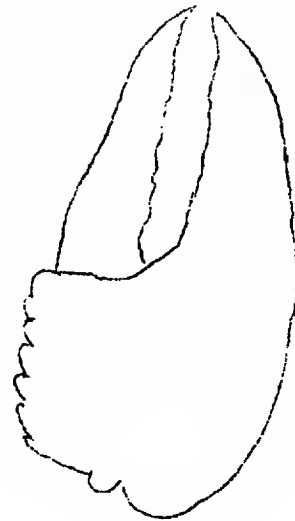
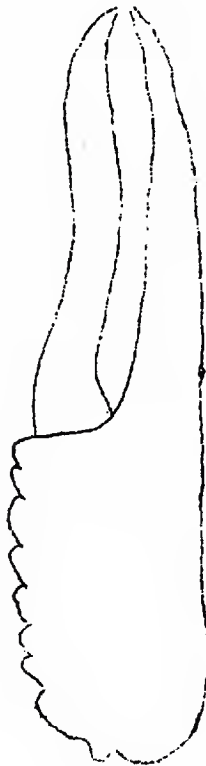
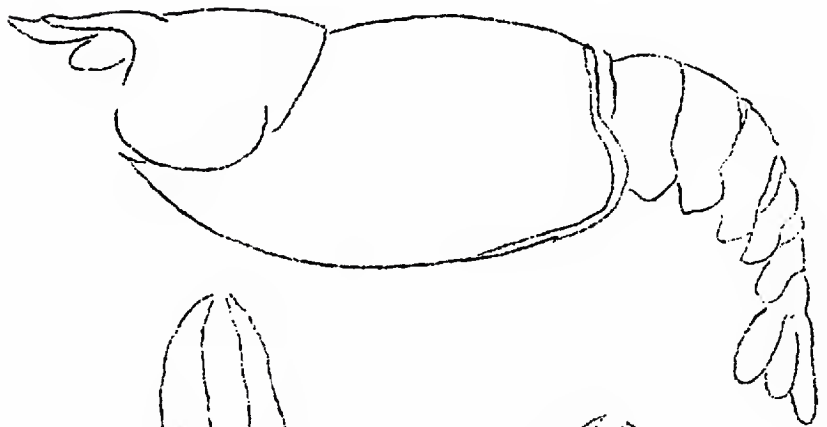
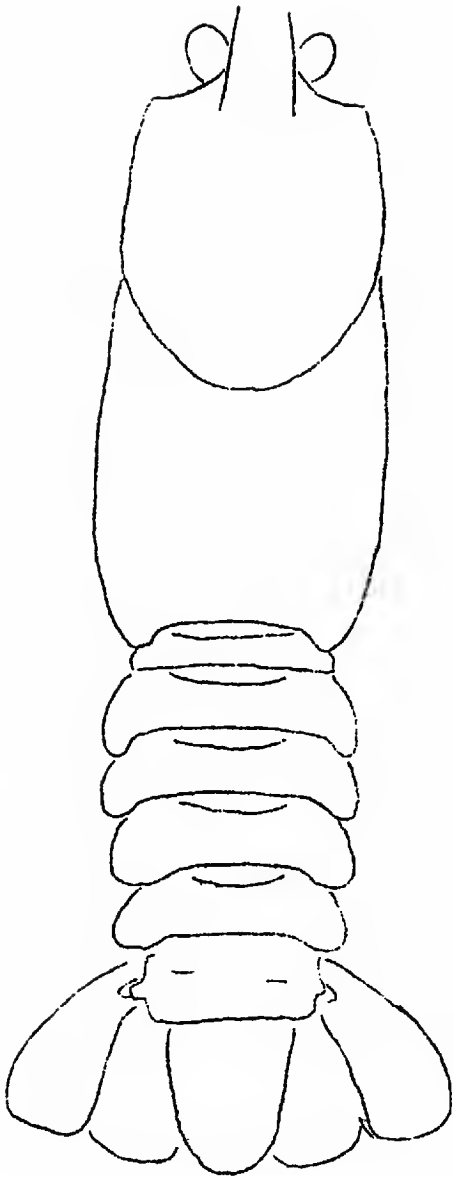
24

Species Procambarus

No. 4-1558-5

Locality Montgomery Co.

2.2 mi E. of County line of
Montgomery + Lawrence on
Rt 80.



Identical with
4-1558-b

Type Locality of *lyphotus*

No. 11-155P-6a.8

Date _____

Co. & State Lowndes Co. Ala.

Loc. road side ditch 3.9 mi. S. of
RT #1 with 80 on RT #1 or 3.4 mi. N. E of
Haynesville on RT 11.

Water moderate Flow moderate

Width _____ Depth _____ pH _____ Temp. _____

Bottom moderate

Vegetation _____

Shore _____

Air Temp. _____

Weather clear Time 2.55

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. bituberculatus</i>								
✓✓ <i>P. bituberculatus lewisii</i>		2	1					3
<i>P. lophotus</i> (2 jars)	5	10	3	5	5			28
<i>C. striatus</i>			1		5			6

(37)

No. 4 1558-7

Date _____

Co. & State Lowndes Co. Ala.Loc. Big Swamp Creek 1.4 mi S W of Haynesville
on RT #1Water Muddy Flow noneWidth 15' Depth 12 pH _____ Temp. _____Bottom MuddyVegetation Lizard tail - iron - ludwigiaShore Platanus - water oak - Liquidambar -

Air Temp. _____

Weather Cloudy Time 3:30

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. lephaleus</u>	<u>1</u>		<u>2</u>					<u>3</u>

Pair dug from single burrow.

(3)

No. 4-1558-8a, b

Date _____

Co. & State Wilcox Co., Ala.Loc. Stream 12.9 miles W. of Hogsville on RT. #1Water MuddyFlow moderateWidth 12Depth + 2

pH _____

Temp. 12°CBottom Mud

Vegetation _____

Shore Shrubland

Air Temp. _____

Weather CloudyTime 3:55

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. lepholus</i> (?)					2			2
<i>C. striatus</i>				1	2			3

(5)

No. 11-1558-9

Date _____

Co. & State Wilcox Co. Ala.

Loc. Point site on the edge of the pond
3.1 miles N of Milledgeville - Wilcox County line about 1/2

Water muddy Flow none

Width 15' Depth + 2 pH _____ Temp. 12°C

Bottom _____

Vegetation Scrub - pine

Shore _____

Air Temp. _____

Weather Cloudy Time 4:25

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. laphotis</i>	3	5	8	11	6			33

(33)

No. 4-1558-10

Date _____

Co. & State Wilcox Co. N.C.Loc. Stream 2.2 mi. S. of Oak Hill on Rt. #100-100Water Cloudy Flow moderateWidth 5 Depth + 3 pH _____ Temp. 12°CBottom fine sandVegetation noneShore low - brush

Air Temp. _____

Weather Cloudy - Rain Time 5:00

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. blandingii acutus(?)</i>				2	1			

No. 4-1558-11a, b

Date _____

Co. & State Marion Co. Ala.

Loc. Stream 7.3 mi. S of Owen on Rt 47

Water Cloudy

Flow slow

Width 5'

Depth + 3

pH _____

Temp. _____

Bottom Muddy

Vegetation None

Shore None

Air Temp. _____

Weather Cloudy

Time 5:45

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. blandingii acutus</i>		3		3			
<i>C. striatus</i> (?)				1			

No. U-1558-12a

Date _____

Co. & State Butler Co. Ala.Loc. Stream 17.7 mi E of town on Rt. 122.6 mi W of Greenville (Flooded)Water cloudy Flow moderateWidth 38 Depth 2 pH _____ Temp. _____Bottom rockVegetation noneShore river - bottom - floodplain

Air Temp. _____

Weather cloudy - rain Time 6:35

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. b. acutus (?)</u>			1	1	2			4
<u>C. diogenes</u>	1			1				2

Diogenes dug from burrows

6

10/1/58

428.8
428.8
 8.8

430.8
 430.8
 430.8

430.8 - 1

374.0 - Alacanga

48.6
41.0
 7.6

428.8 - 2

41.0 - 1/2

6.6
41.0
 34.4

48.1 - 3

12.0 - 3

526.9
 407.7
526.9

67.8 - 9.2

420
526.9
 993.1

501.8 - 41.0

500.0 - 6

8.1
4.7
 3.4

E. 1 - Hargreaves

21.0

Range 1

Midway 21.0
 Corral 21.0

34.4

37.8 - 7.0000

40.2 - 4.111111

52.0 - 5.000000

57.8

~~57.7~~
57.5

72.9 - 11

77.0 - 9.000000

87.9 -

600.5

1.2

1.3

1.3

1.3

17.7

5.5

5.5

2.6

706.7 - 8

706.0

Robbie

91.9

84.7 - 7

110 - 6

90.5 - 5

644.9 - 4

6.5 - 3

629.5 - 3

6.5 - 1 - Total for 1000

6.5 - 1 - 31

6.7

6.7

6.7 - 1000

Union Springs 713.0

$$\begin{array}{r} 23 \\ 13 \\ \hline 10 \end{array}$$

723

726.4 - Midway

$$\begin{array}{r} 31.9 \\ 26.4 \\ \hline 55 \end{array}$$

731.9

749.3 - 11

754.2 Chatahoochee

No. 4-1658-1a, b

Date _____

Co. & State Butte Co. Cal.Loc. Stream in mountains, 11.5 miles N. of Chico, 31410 at
Greenish - 5.31
Trinity to lower creek.Water clear Flow moderateWidth 12' Depth 4-5' pH _____ Temp. 12°CBottom shaleVegetation noneShore open

Air Temp. _____

Weather Cloudy Time 9:10

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. versutus</i>	2	2	1	7	4			16
<i>C. latimanus</i>			2		1			3

2

(19)

Colo. roteson versutus

No. a, b, c, d

Date _____

Co. & State Ill.Loc. 32.4
on E.T. 31Water cloudyFlow moderateWidth 6'Depth 4'

pH _____

Temp. 12°CBottom clay & sandVegetation noneShore shaly - brown

Air Temp. _____

Weather cloudyTime 9:20

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. acutissimus</i>	2		2	6	6			16
✓ <i>P. heteroculatus lewisi</i>			5	12	5			22
<i>C. latimanus</i>		1	4	1	7			13
<i>C. diogenes</i>						1		1

2

(52)
Color notes on *diogenes* ♀
with eggs.

No. 4-1655-3a, b

Date _____

Co. & State Montgomery Co. Ala.Loc. 12.8 mi S. of Montgomery on
RT. 31Water _____ Flow noneWidth 4 Depth _____ pH _____ Temp. 12°C

Bottom _____

Vegetation oyster

Shore _____

Air Temp. _____

Weather Sunny Time 10:35

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. lobhatus</u>	1	7	3	3	10			24
✓ <u>P. bituberculatus</u>		1						1

(25)

No. 4-1658-4

Date _____

Co. & State Montgomery Co. Ala.

Loc. Stream 12.6 mi E of Montgomery on RT. 80

Water cloudy Flow slow

Width 6' Depth + 5 pH _____ Temp. _____

Bottom sandy

Vegetation none

Shore _____

Air Temp. _____

Weather Cloudy Time 11:20

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>C latimanus</u>				<u>1</u>	<u>2</u>			<u>3</u>

(3)

No. 4-1658-5a, b, c, d

Date Montgomery Co.

Co. & State Montgomery Co. Ala.

Loc. 18.2 mi E of Montgomery on RT 80
road side ditch

Water shallow Flow none

Width Depth pH Temp. 12°C

Bottom gravel

Vegetation grasses

Shore grasses - low

Air Temp.

Weather cloudy Time 12:00

Capture

Det. Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>C. striatus</i>		1			2			3
<i>P. acutissimus</i>		1	2	3	2			8
✓ <i>P. lewisi</i> <i>sp. nov. tuberculatus</i>		1	2					4
<i>O. clupeatus</i>	7	10	30	19	20			86

Montgomery Co. Ala. (10-11)

No. 4-1658-6a, b

Date _____

Co. & State Marion Co. Ohio

Loc. Woods edge ditch 1/2 mile E of Montgomery, on
RT 80

Water Cloudy Flow none

Width 20' Depth 1-2 pH _____ Temp. _____

Bottom mud

Vegetation none

Shore _____

Air Temp. _____

Weather Cloudy Time _____

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. acutissimus</u>	<u>1</u>	<u>3</u>	<u>3</u>	<u>10</u>	<u>11</u>			<u>28</u>
<u>O. clypeatus</u>	<u>2</u>	<u>3</u>	<u>4</u>		<u>5</u>			<u>14</u>

42

No. 1-1050-7a, b

Date _____

Co. & State Marion Co. Ark.Loc. Red. sil. ditch 18.8 mi. S of Montgomery
on Rt 80Water muddy Flow littleWidth 6 ft. Depth 4 in pH _____ Temp. 12°CBottom mudVegetation algae - grass

Shore _____

Air Temp. _____

Weather Cloudy Time 12:45

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. acutissimus</u>		5	6	2	2			15
✓ <u>P. bituberculatus</u>	1							1

① |

16

No. 4-1658-8a,b,c,d

Date _____

Co. & State Missouri Co. Ark.Loc. Stream + road side ditch 8 mi S. of Ft. Davis
on RT 29Water Cloudy Flow slowWidth 4' Depth 4-6 pH _____ Temp. _____Bottom mud - rock + weedVegetation grasses

Shore _____

Air Temp. _____

Weather Clear Time 2:40

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>P. acutissimus</i>			1		2			3
<i>P. verrucosus</i>				1	2			3
<i>P. bituberculatus</i>				1	1			2
<i>C. striatus</i>			1	1	2			4

(12)

No. 4-1658-9a,b,c

Date _____

Co. & State Bullock Co. Ala.Loc. Stream 10 mi SE of Union Springs on Rt 83
Choctawhatchee drainageWater Cloudy Flow swiftWidth 15' 10" Depth 1.5' pH _____ Temp. _____Bottom Sand, silt, gravelVegetation GrassShore Scrub, live oaks, etc.

Air Temp. _____

Weather ClearTime 3:30

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<i>P. suttkusi</i>			1				1
<i>P. acutissimus</i> (?)					2		2
<i>C. latimanus</i>		10	4	9	13		36

(39)

No. 4-1658-10

Date _____

Co. & State Bulloch Co. Ala

Loc. Roadside swampy pool E. 5 mi S.E. of Milledgeville
on RT 82

Water Clear Flow none

Width 25' x 20' Depth 1 pH _____ Temp. _____

Bottom silt. and

Vegetation deciduous - some

Shore slightly elevated - 0 sh -

Air Temp. _____

Weather Clear Time 4:00

Capture _____

Det. _____

Coll.

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. verrucosus</u>	<u>2</u>		<u>2</u>					<u>4</u>

(4)

No. 4-1658-11a, b

Date _____

Co. & State Barbados, Adm.Loc. Stream 2 mi W of Supina on Rt. 52Water ClearFlow moderateWidth 10'Depth 4'

pH _____

Temp. 12°CBottom SandyVegetation GrassShore Open & exposed

Air Temp. _____

Weather ClearTime 4:50

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>Procerosus</u>				1	1			2
<u>C. latimanus</u>		3	1	2	2			8

10

No. 4-165-12a, b, c

Date _____

Co. & State Marion Co. Ala.Loc. Quadrant T. 10 to Calben Creek on Rt 80
7.2 mi W of TuskegeeWater Cloudy Flow moderateWidth 15' Depth 4' pH _____ Temp. _____Bottom clay - sandVegetation grass - clover

Shore _____

Air Temp. _____

Weather ClearTime 1:40

Capture _____

Det. _____

Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>P. acutissimus</u>	1	3	2	2	2			10
<u>P. verrucosus</u>	1	6	7	2	5			21
<u>C. striatus</u>		1		1	2			4

(35)

Date _____ Cat. No. 9-2758-1
P.O. _____ Co. & State Smyth Va.
Locality. The Fork Holston R. on Rt 16.
1.1 mile south of junction of Rt 16 & 42, Rt 16
Quadrangle _____ Elevation _____
Water: slightly cloudy Flow sluggish
Width 40' Depth 2 1/2 - 3 pH _____ Temp. _____
Bottom silt & Rocky.
Vegetation algae
Shore Flodora, Salix, Zizia, Quercus, Juglans
Air Temp. _____
Weather _____ Time _____
Method of Capture _____
Preservative _____
Collected by: _____
General Notes: _____

No. 10-1158-3

Date _____

Co. & State _____

Loc. "Janglewood" Biological Farm of Univ of
Alabama.

Water _____ Flow _____

Width _____ Depth _____ pH _____ Temp. _____

Bottom _____

Vegetation _____

Shore _____

_____ Air Temp. _____

Weather _____ Time _____

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<u>C. striatus</u>			1		1			

R. E. Smith, coll.

No. 10-1258-1a, 1b.

Date 10/12/58

Inscalvosa

Co. & State Inscalvosa Co., Ala

Loc. Drainage Creek of Harris Lake - Inscalvosa
Co.

Water _____ Flow _____

Width _____ Depth _____ pH _____ Temp. _____

Bottom _____

Vegetation _____

Shore _____

Air Temp. _____

Weather _____ Time _____

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y
<u>C. latimanus</u>			1				
<u>O. Rathawayi</u>			3				

R.E. Smith, Jack Malley.

No. 11-858-1Date Nov 8, 1958Co. & State Escalosa Co., Ala.Loc. Cottersdale, Escalosa, Found in spring in the
entrance of an abandoned coal mine within 30' of
Bee Creek.

Water _____ Flow _____

Width _____ Depth _____ pH _____ Temp. _____

Bottom _____

Vegetation _____

Shore _____

_____ Air Temp. _____

Weather _____ Time _____

Capture _____

Det. _____ Coll. _____

	♂I	♂II	♀	♂j	♀j	♀e	♀y	
<i>C. striatus</i>				4	1			

R. E. Smith

BIOLOGICAL ABSTRACTS

UNIVERSITY OF PENNSYLVANIA

• 3815 WALNUT STREET •

PHILADELPHIA 4, PENNSYLVANIA

4-1859-1 Va., Mecklenburg Co.

Va. State route #4

creek rt. side rd. 5 N Kerr Dam

veg - incomp. chimney, in grass

Soil - sandy

4-1859-2

US Rt. 58 W

2.3 mi. from turn to St. Rt. 4

Allen Creek

BOARD OF TRUSTEES

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HAZEL HALL PHILSON, ASSISTANT TO THE DIRECTOR

HIRSH J. EVANS, SECRETARY

BENTLEY GLASS

RAYMOND L. TAYLOR

8-1859-1

Date Aug 18 - 59 Cat. No. 59-3
P. C. Boone Co. & State Watauga - NC
Locality Nash River on Rt. 421 - 3.2 mi. east of Boone

Quadrangle _____ Elevation _____

Water: Clear Flow moderate

Width _____ Depth _____ pH _____ Temp. _____

Bottom Rocky

Stream Vegetation _____

Shore Vegetation _____

Air Temp. _____

Weather Fair Time 3:45 PM

Method of Capture Sein

Preservative Formalin

Collected by: Crawford, E.A.

General Notes:

Caribarus upemus 3♂ II, 1♀

8-2159-1

Date Aug 21 - 59 Cat. No. 59-4P. C. No. Wilksboro Co. & State Wilks - NCLocality Tributary of Yadkin River on Rt. 18 - 7.2 mi.North of North Wilksboro

Quadrangle _____ Elevation _____

Water: Tinted Flow Mod. to sluggishWidth 10 ft Depth .5 ft pH _____ Temp. _____Bottom Sandy

Stream Vegetation _____

Shore Vegetation _____

Air Temp. _____

Weather Cloudy Time 2:15 PMMethod of Capture SeinPreservative FormalinCollected by: Crawford, E.H.

General Notes:

Cambarus montanus acuminatus 3 II, 500; 3^cjuv; 30juv.

Date Aug. 21 - 59 Cat. No. 8-2159-2
59-5

P. C. No. Wilksboro Co. & State Wilks - NC

Locality Tributary of Yadkin River on Rt. 421 - 5.4 mi.
east of North Wilksboro

Quadrangle — Elevation —

Water: Clear Flow sluggish

Width — Depth — pH — Temp. —

Bottom silty

Stream Vegetation —

Shore Vegetation —

Air Temp. 4:00 PM

Weather Fair to Cloudy Time —

Method of Capture Sein

Preservative Formalin

Collected by: Crawford L. R.

General Notes:

G. montanus acuminatus 1 I, 2⁺ II, 13, 3 juv.

Date Oct. 12, 1959 Cat. No. 59-6P. O. Dug. West Co. & State Abbeville, SCLocality Hogskin Creek 2 mi. West-southwest of
Dug. West on Rt 184Quadrangle — Elevation —Water: Clear Flow modWidth 10 ft Depth 2 ft pH — Temp. 30°CBottom SandyStream Vegetation Assorted algae & mossesShore Vegetation Quercus, Alnus, Salix, Pinus, Platanus, Ilex
NyssaAir Temp. 72°F.Weather Cloudy Time 3:10 PMMethod of Capture SeinPreservative FormalinCollected by: Crawford

General Notes:

Procambarus raneyi 1♂II, 3♀
Cambarus latimanus, 3♂II; 7♀